#5 OIPE

ENTERED

Serial Number: 09/823,772

CRF Processing Date: 8/16/2001
Edited by: _____
Verified by: _____ (STIC staff

- [ ] Changed a file from non-ASCII to ASCII

- [ ] Changed the margins in cases where the sequence text was "wrapped" down to the next line.

- [ ] Edited a format error in the Current Application Data section, specifically: _____

- [ ] Edited the Current Application Data section with the actual current number. The number inputted by the applicant was [ ] the prior application data; or [ ] other _____.

- [ ] Added the mandatory heading and subheadings for "Current Application Data".

- [ ] Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

- [ ] Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____

- [ ] Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____

- [ ] Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____

- [ ] Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

- [ ] Inserted colons after headings/subheadings. Headings edited included: _____

- [ ] Deleted extra, invalid, headings used by an applicant, specifically: _____

- [x] Deleted: [ ] non-ASCII "garbage" at the beginning/end of files; [ ] secretary initials/filename at end of file; [ ] page numbers throughout text; [ ] other invalid text, such as _____.

- [ ] Inserted mandatory headings, specifically: _____

- [ ] Corrected an obvious error in the response, specifically: _____

- [ ] Edited identifiers where upper case is used but lower case is required, or vice versa.

- [ ] Corrected an error in the Number of Sequences field, specifically: _____

- [ ] A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

- [ ] Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

- [ ] Other: _____
_____
_____
_____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING   DATE: 08/16/2001
PATENT APPLICATION: US/09/823,772   TIME: 11:20:50

Input Set : A:\Pto.amc
Output Set: N:\CRF3\08162001\I823772.raw

```
      4 <110> APPLICANT: Beat, MOLLET
      5         Raymond, PRIDMORE David
      6         Marie, ZWAHLEN Camille
      9 <120> TITLE OF INVENTION: Novel strains of the Bacillus subtilis group for food
     10         fermentation
W--> 11 <130> FILE REFERENCE: 88265-4011
W--> 12 <140> CURRENT APPLICATION NUMBER: 09/823,772
     13 <141> CURRENT FILING DATE: 2001-03-30
W--> 14 <160> NUMBER OF SEQ ID: 4
     15 <170> SOFTWARE: PatentIn version 3.1
     20 <210> SEQ ID NO: 1
     21 <211> LENGTH: 29
     22 <212> TYPE: DNA
     23 <213> ORGANISM: Artificial Sequence
W--> 24 <220> FEATURE:
     25 <223> OTHER INFORMATION: Oligonucleotide 6624 obtained from Microsynth, Balgach,
Switzerland,
     26         which introduces a BamHI restriction site approximately 950 bp upstream of
     27         the start of the ywfL gene.
     31 <400> SEQUENCE: 1
     33 gcggcggatc cgctgatgat ctcccagcc                                     29
     39 <210> SEQ ID NO: 2
     40 <211> LENGTH: 44
     41 <212> TYPE: DNA
     42 <213> ORGANISM: Bacillus subtilis
     45 <400> SEQUENCE: 2
     47 ctcaaattcc atttcctcat caggacatgc atagcgtatc atcc                    44.
     53 <210> SEQ ID NO: 3
     54 <211> LENGTH: 31
     55 <212> TYPE: DNA
     56 <213> ORGANISM: Artificial Sequence
W--> 57 <220> FEATURE:
     58 <223> OTHER INFORMATION: Oligonucleotide 6625, which introduces a EcoRI restriction
site
     59         approximately
     61         1000 bp downstream of the end of the ywfL gene.
     65 <400> SEQUENCE: 3
     67 ggggtcgaat tccacgagat atctaactgc c                                  31
     73 <210> SEQ ID NO: 4
     74 <211> LENGTH: 44
     75 <212> TYPE: DNA
     76 <213> ORGANISM: Bacillus subtilis
     79 <400> SEQUENCE: 4
     81 ggatgatacg ctatgcatgt cctgatgagg aaatggaatt tgag                    44
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VERIFICATION SUMMARY　　　　　　　　　DATE: 08/16/2001
PATENT APPLICATION:　US/09/823,772　　TIME: 11:20:51

　　　Input Set : **A:\Pto.amc**
　　　Output Set: **N:\CRF3\08162001\I823772.raw**

L:11 M:283 W: Missing Blank Line separator, <130> field identifier
L:12 M:283 W: Missing Blank Line separator, <140> field identifier
L:14 M:283 W: Missing Blank Line separator, <160> field identifier
L:24 M:283 W: Missing Blank Line separator, <220> field identifier
L:57 M:283 W: Missing Blank Line separator, <220> field identifier

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RAW SEQUENCE LISTING   DATE: 07/19/2001
PATENT APPLICATION: US/09/823,772   TIME: 14:53:29

Input Set : **A:\ES.txt**
Output Set: **N:\CRF3\07192001\I823772.raw**   Does Not Comply
                                                    Corrected Diskette Needed

```
     3 <110> APPLICANT: Beat, MOLLET
     4         Raymond, PRIDMORE David
     5         Marie, ZWAHLEN Camille
     7 <120> TITLE OF INVENTION: Novel strains of the Bacillus subtilis group for food
fermentation
W--> 8 <130> FILE REFERENCE: 88265-4011
W--> 9 <140> CURRENT APPLICATION NUMBER: 09/823,772
    10 <141> CURRENT FILING DATE: 2001-03-30
W--> 11 <160> NUMBER OF SEQ ID: 4
    12 <170> SOFTWARE: PatentIn version 3.1
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ERRORED SEQUENCES

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    50 <210> SEQ ID NO: 4
    51 <211> LENGTH: 44
    52 <212> TYPE: DNA
    53 <213> ORGANISM: Bacillus subtilis
    55 <400> SEQUENCE: 4
    56 ggatgatacg ctatgcatgt cctgatgagg aaatggaatt tgag                44
E--> 60 2
E--> 63 1
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VERIFICATION SUMMARY   DATE: 07/19/2001
PATENT APPLICATION: **US/09/823,772**   TIME: 14:53:30

Input Set : **A:\ES.txt**
Output Set: **N:\CRF3\07192001\I823772.raw**

L:8 M:283 W: Missing Blank Line separator, <130> field identifier
L:9 M:283 W: Missing Blank Line separator, <140> field identifier
L:11 M:283 W: Missing Blank Line separator, <160> field identifier
L:19 M:283 W: Missing Blank Line separator, <220> field identifier
L:41 M:283 W: Missing Blank Line separator, <220> field identifier
L:60 M:254 E: No. of Bases conflict, LENGTH:Input:2 Counted:44 SEQ:4
M:254 Repeated in SeqNo=4